

Amendments to the Claims:

Please allow the cancellation of claims 10-14, 16-22, 24-26, and 28-30 to put the application in condition for allowance.

1. (Previously presented) An apparatus for peer recovery, the apparatus comprising:
 - a detection module configured to detect a failure of a first computer, wherein the detection module comprises a computer readable program on a computer readable medium that executes on a second computer;
 - a recovery coordination module configured to accept and reject requests from a recovery module to register as the counterpart of the first computer, and unregister the recovery module as the counterpart of the first computer upon request, wherein the recovery coordination module comprises a computer readable program on a computer readable medium that executes on the second computer; and
 - a recovery module configured to register with the recovery coordination module as the counterpart of the first computer, perform a recovery operation of the first computer, and unregister with the recovery coordination module as the counterpart of the first computer responsive to the detection module detecting the failure of the first computer, wherein the recovery module comprises a computer readable program on a computer readable medium that executes on the second computer.
2. (Original) The apparatus of claim 1, wherein the recovery module initiates peer recovery automatically.

3. (Original) The apparatus of claim 1, wherein the recovery module initiates peer recovery responsive to an operator command.
4. (Previously presented) The apparatus of claim 1, the recovery module comprising:
 - an initialization module configured to initialize and start the counterpart of the first computer, wherein the initialization module comprises a computer readable program on a computer readable medium that executes on the second computer; and
 - a backout module configured to retrieve private log data of the first computer, back out an in-flight transaction update, and release a data resource locked by the first computer, wherein the backout module comprises a computer readable program on a computer readable medium that executes on the second computer.
5. (Canceled)
6. (Original) The apparatus of claim 1, wherein upon the receipt of a request for registering as the counterpart of the first computer, the recovery coordination module changes the status of the recovery module of the first computer from inactive to active.
7. (Original) The apparatus of claim 1, wherein the recovery coordination module rejects a request for registering as the counterpart of the first computer once the status of the recovery module of the first computer is made active.

8. (Original) The apparatus of claim 1, wherein upon the receipt of a request for unregistering as the counterpart of the first computer, the recovery coordination module changes the status of the recovery module of the first computer from active to inactive.
9. (Previously presented) The apparatus of claim 1, the detection module further comprising a log list module configured to receive a status signal from at least one computer, wherein the detection module identifies the failed computer when the log list module does not receive the status signal from the failed computer within a pre-specified time interval, the log list module comprising a computer readable program on a computer readable medium that executes on the second computer.
10. (Canceled)
11. (Canceled)
12. (Canceled)
13. (Canceled)
14. (Canceled)
15. (Canceled)

16. (Canceled)

17. (Canceled)

18. (Canceled)

19. (Canceled)

20. (Canceled)

21. (Canceled)

22. (Canceled)

23. (Canceled)

24. (Canceled)

25. (Canceled)

26. (Canceled)

27. (Canceled)

28. (Canceled)

29. (Canceled)

30. (Canceled)